

What is claimed is:

1 1. A tool string for use in a wellbore extending from a well surface,
2 comprising:
3 a closure member adapted to be positioned below the well surface;
4 a low pressure chamber defined at least in part by the closure member; and
5 at least one port selectively openable to enable communication between
6 the chamber and a wellbore region,
7 the at least one port when opened creating a fluid surge into the chamber
8 to provide a local low pressure condition in the wellbore region; and
9 a tool adapted to perform an operation in the local low pressure condition.

1 2. The tool string of claim 1, wherein the tool comprises a perforating gun.

1 3. The tool string of claim 1, wherein the port comprises a valve.

1 4. The tool string of claim 1, wherein the port comprises a fluid blocking
2 element adapted to be broken by an explosive force.

1 5. The tool string of claim 5, further comprising an explosive element
2 positioned proximal the fluid blocking element.

1 6. The tool string of claim 1, wherein the closure member comprises a valve.

1 7. The tool string of claim 1, wherein the closure member comprises a sealed
2 container.

1 8. A method for use in a wellbore extending from a well surface, comprising:
2 positioning a string in the wellbore, the string comprising a surge chamber;
3 providing a closure member below the well surface, the surge chamber
4 defined at least in part by the closure member;
5 opening at least one port to the chamber to create a fluid surge into the
6 surge chamber and a local low pressure condition in a wellbore region;
7 performing one or more of cleaning up the wellbore region, cleaning
8 perforations in a formation surrounding the wellbore region, and performing
9 underbalanced perforating.

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1 9. A tool string for use in a wellbore extending from a well surface,
2 comprising:
3 a perforating gun;
4 a closure member below the well surface; and
5 a surge chamber defined at least in part of the closure member.

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1 10. The tool string of claim 9, wherein the closure member comprises a valve.

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1 11. The tool string of claim 9, wherein the closure member comprises a sealed
2 container.

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1 12. The tool string of claim 9, further comprising an activation element
2 adapted to open the surge member prior to activating the perforating gun to create an
3 underbalance condition to enable underbalanced perforating.

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1 13. The tool string of claim 10, further comprising an activation element
2 adapted to open the surge chamber after activating the perforating gun to create a fluid
3 surge from a perforated formation.